

INVENTORSHIP DECLARATION BY SOLE INVENTOR

I, Suresh Ramarajan, HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated below next to my name.

I believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

APPARATUSES AND METHODS FOR MONITORING ROTATION  
OF A CONDUCTIVE MICROFEATURE WORKPIECE

the specification of which:

- ☒ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 U.S.C. §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed below in Table 1 and have also identified in Table 1 any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Coie, LLP, or any of its attorneys.

Full name of Sole inventor: Suresh Ramarajan

Citizenship: India Mailing Address:

2463 R. Suresh 08/04/03 103 R. Suresh/  
2736 E. Red Cedar Lane, Apt. #308 08/04/03  
Boise, Idaho 83716

Residence (if different): \_\_\_\_\_

Inventor's Signature:

R. Suresh

Date: 08/04/03

**Table 1**

<b>Country</b>	<b>App. No.</b>	<b>Filing Date</b>	<b>Priority Not Claimed</b>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Suresh Ramarajan  
FILED: Concurrently Herewith  
FOR: **APPARATUSES AND METHODS FOR  
MONITORING ROTATION OF A  
CONDUCTIVE MICROFEATURE  
WORKPIECE**

**Power of Attorney by Assignee and Certification**  
**Under 37 CFR §3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment filed concurrently herewith, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints STEPHEN E. ARNETT, Registration No. 47,392; RODGER K. CARREYN, Registration No. 50,774; BRIAN R. COLEMAN, Registration No. 39,145; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; PETER J. DEHLINGER, Registration No. 28,006; DAVID BOGART DORT, Registration No. 50,213; DAVID T. DUTCHER, Registration No. 51,638; LEEANN GORTHEY, Registration No. 37,337; JOSEPH HAMILTON, Registration No. 51,770; PAUL L. HICKMAN, Registration No. 28,516; EDWARD S. HOTCHKISS, Registration No. 33,904; STEVEN KELLEY, Registration No. 43,449; JONATHAN P. KUDLA, Registration No. 47,724; STEVEN D. LAWRENZ, Registration No. 37,376;

JACQUELINE F. MAHONEY, Registration No. 48,390; SHAILESH MEHRA, Registration No. 44,934; JUDY M. MOHR, Registration No. 38,563; CHUN NG, Registration No. 36,878; NGUYEN H. NGUYEN, Registration No. 43,834; REBEKKA C. NOLL, Registration No. 46,962; KENNETH H. OHRINER, Registration No. 31,646; PAUL T. PARKER, Registration No. 38,264; MAURICE J. PIRIO, Registration No. 33,273; TIM R. SEELEY, Registration No. 53,575; LAUREN SLIGER, Registration No. 51,086; LARRY W. THROWER, Registration No. 47,994; GLENN E. VON TERSCH, Registration No. 41,364; JOHN M. WECHKIN, Registration No. 42,216; JAMES A.D. WHITE, Registration No. 43,985; MICHAEL J. WISE, Registration No. 34,047; ROBERT G. WOOLSTON, Registration No. 37,263; and JAMES J. ZHU, Registration No. 52,396; all affiliated with Perkins Coie LLP, along with MICHAEL L. LYNCH, Registration No. 30,871; CHARLES B. BRANTLEY, II, Registration No. 38,086; KEVIN D. MARTIN, Registration No. 37,882; and DAVID J. PAUL, Registration No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83706-9632 as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all telephone calls to Mr. John M. Wechkin at (206) 583-8888 and telecopies to (206) 332-7198. Address all correspondence to:

Patent-SEA  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
Customer No. 25096

In accordance with 37 CFR §3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: MICRON TECHNOLOGY, INC.

Signature: 

Typed Name: Michael L. Lynch

Title: Chief Patent Counsel

Date: 8-20-07

Address: 8000 South Federal Way

P.O. Box 6

Boise, Idaho 83706-9632

COPY

**ASSIGNMENT**

2463 R. Suresh 10/04/03 103 R. Suresh 10/04/03  
2736 E. Red Cedar Lane, Apt. #303, Boise, Idaho 83716. This ASSIGNMENT is by Suresh Ramarajan (the "Assignor"), residing at more certain inventions described in a United States Patent Application entitled APPARATUSES AND METHODS FOR MONITORING ROTATION OF A CONDUCTIVE MICROFEATURE WORKPIECE (the "Application") and ☒ executed concurrently herewith; or ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ (the "Invention(s)"). The Assignor authorizes the Assignee, identified below, or its representatives to insert the filing date and application number of the Application when known.

Micron Technology, Inc., a corporation of the State of Delaware having a place of business at 8000 South Federal Way, P.O. Box 6, Boise, Idaho 83706-9632 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that he or she is the sole owner of the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

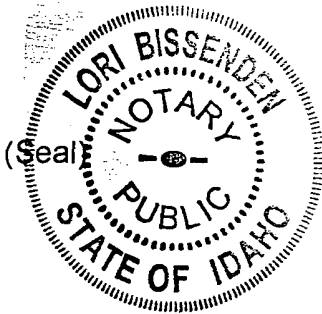
Date: 08/05/03

R. Suresh  
Suresh Ramarajan

STATE OF Idaho  
COUNTY OF Ada

On Aug. 5, 2003 before me, Lori Bissenden,  
personally appeared Suresh Ramarajan, personally known to me (or proved to me on the  
basis of satisfactory evidence) to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized  
capacity, and that by his/her signature on the instrument the person, or the entity upon behalf  
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lori Bissenden  
Signature

\* \* \* \* \*